

## Datasheet for ABIN7640768 **anti-ITGA4 antibody**



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### Overview

|              |                                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                 |
| Target:      | ITGA4                                                                                                  |
| Reactivity:  | Mouse                                                                                                  |
| Host:        | Rabbit                                                                                                 |
| Clonality:   | Polyclonal                                                                                             |
| Conjugate:   | This ITGA4 antibody is un-conjugated                                                                   |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

### Product Details

|               |                                                                                                                                                                                  |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Polyclonal Antibody to Integrin Alpha 4 (ITGa4)                                                                                                                                  |
| Isotype:      | IgG                                                                                                                                                                              |
| Specificity:  | The antibody is a rabbit polyclonal antibody raised against ITGa4. It has been selected for its ability to recognize ITGa4 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                           |

### Target Details

|                   |                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| Target:           | ITGA4                                                                                                               |
| Alternative Name: | ITGa4 ( <a href="#">ITGA4 Products</a> )                                                                            |
| Background:       | CD49d, CD49-D, ITG-A4, IA4, Alpha 4 Subunit Of VLA-4 Receptor, CD49 antigen-like family member D, Integrin alpha-IV |

## Target Details

UniProt: [Q00651](#)

Pathways: [Integrin Complex](#)

## Application Details

Application Notes: Western blotting: 0.2-2 µg/mL, 1:250-2500 Immunohistochemistry: 5-20 µg/mL, 1:25-100  
Immunocytochemistry: 5-20 µg/mL, 1:25-100 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 500 µg/mL

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.